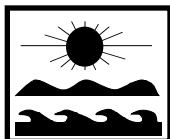


IMPORTANT INFORMATION:

TO	# COPIES	ADDRESS	COMMENTS
Noman Chowdhury	1	California Regional Water Quality Control Board, Los Angeles Region (4) 320 West 4th Street, Suite 200 Los Angeles, California 90013-2343	
Gregory K. Barton	1	ExxonMobil Oil Corporation 3700 West 190th Street, TPT #2-2 Torrance, California 90504	
Peter Boutros Awad	1	15580 East Valley Boulevard City of Industry, California 91746-3330	
		,	
		,	
		,	
		,	



HOLGUIN, FAHAN & ASSOCIATES, INC.

ENVIRONMENTAL MANAGEMENT CONSULTANTS

February 18, 2005

Mr. Noman Chowdhury
California Regional Water Quality Control Board, Los Angeles Region (4)
320 West 4th Street, Suite 200
Los Angeles, California 90013-2343

Subject: ExxonMobil Oil Corporation Former Service Station #18-E34
15580 East Valley Boulevard
City of Industry, California
CRWQCB-LAR Site #917440043A

Dear Mr. Chowdhury:

Please find enclosed the First Quarter 2005 Groundwater Monitoring and Progress Report for the subject location. The well monitoring data were collected and provided by Holguin, Fahan & Associates, Inc. The contents of this report include:

Quarterly Progress Report Summary Sheet
List of Standard Acronyms/Abbreviations
Exhibit 1 - Monitoring Well Sampling / Activity Schedule
Exhibit 2 - Current and Historic Summary Tables
Exhibit 3 - Figures
Exhibit 4 - Graphs
Exhibit 5 - Laboratory Analytical Reports and Chain of Custody Records
Exhibit 6 - Groundwater Sampling Contractor Information

The groundwater sampling information provided as Exhibit 6 includes well purging and groundwater sampling procedures, field data sheets, and waste documentation if applicable. Should you have any questions regarding this report, please contact Mr. Gregory K. Barton, ExxonMobil Oil Corporation, at (310) 212-2826, or Ms. Lorien Sanders, Holguin, Fahan & Associates, Inc., Project Manager, at (909) 422-8988 or Lorien_Sanders@hfa.com.

Respectfully Submitted,

Steven H. Edelman, PhD
HG, RG, REA, CS, CAPM, EM
Vice President of Technical Services

/TQ/PC
Enclosures

cc: Gregory K. Barton, ExxonMobil Oil Corporation
Peter Boutros Awad

ENVIRONMENTAL: SCIENTISTS • GEOLOGISTS • ENGINEERS
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(480) 505-3336 FAX
Martin_Minter@hfa.com

**QUARTERLY PROGRESS REPORT SUMMARY SHEET
FIRST QUARTER 2005**

SITE INFORMATION:

Responsible Party / Contact :	ExxonMobil Oil Corporation / Gregory K. Barton
Responsible Party Address :	3700 West 190th Street, TPT #2-2, Torrance, California, 90504
Station / Site ID:	18-E34
Current Site Use :	Former Service Station
Global ID :	T0603763925
Lead Regulatory Agency/Case#/Case Worker :	CRWQCB-LAR/917440043A/Noman Chowdhury
Date of Most Recent Regulatory Letter :	9/3/04
Primary Consultant / Project Manager :	Holguin, Fahan & Associates, Inc. / Lorien Sanders
Well Monitoring Contractor :	Holguin, Fahan & Associates, Inc.
Site Monitoring Frequency :	Quarterly
Well(s) and/or Surface Water Within 1,000 ft.:	None
Number of Groundwater Wells On Site:	4
Number of Groundwater Wells Off Site:	0
Phase of Vadose Zone Investigation:	Monitoring
Phase of Groundwater Investigation:	Monitoring
Nature of Contamination:	Gasoline

SITE HYDROLOGY IN "AQUIFER 1":

Number of Water Zones:	1
Groundwater Depth Range (ft-TOC):	26.30 - 28.20
Potentiometric Surface Elevation Range (ft-MSL):	292.91 - 295.20
Qtrly Change in Avg. GW Elevations (ft):	0.51
Flow Direction/Hydraulic Gradient (ft/ft):	north/0.01

FIELD ACTIVITY (CURRENT QUARTER):

		Well With PSH : Wells Feet	
Groundwater Monitoring Date :	1/5/05	None	N/A
Groundwater Wells Gauged:	4		
Groundwater Wells Sampled:	4		
Purging Method:	Manual		
Gallons of Groundwater Purged:	76		
Treatment Method/Disposal Facility:	HFA Lab GWTS / Sewer System		

GROUNDWATER CONDITIONS :

No. of Wells with Detectable TPH - Gas:	4	TPH - Gas Range ($\mu\text{g/l}$):	97.4 - 604
No. of Wells with Detectable Benzene:	3	Benzene Range ($\mu\text{g/l}$):	<0.50 - 10.4
No. of Wells with Detectable MTBE:	4	MTBE Range ($\mu\text{g/l}$):	0.80 - 2.10
No. of Wells with Detectable TBA:	0	TBA Range ($\mu\text{g/l}$):	<10.0 (One Value Only)

ADDITIONAL INFORMATION:

QUARTERLY PROGRESS REPORT SUMMARY SHEET (Continued)
FIRST QUARTER 2005

ExxonMobil Oil Corporation Former Service Station #18-E34

WORK PERFORMED THIS QUARTER:

- Groundwater monitoring and sampling.

TREND ANALYSIS:

- Groundwater elevations have increased 0.51 foot since the last groundwater monitoring event.
- Benzene concentrations are stable.
- MTBE concentrations are stable.

WORK PROPOSED FOR NEXT QUARTER:

- Groundwater monitoring and sampling.

CONSTRUCTION/EXCAVATION ACTIVITIES THIS QUARTER:

- Construction: None.
- Excavation (cubic yards): None.
- Soil Disposal (cubic yards): None.

PROPOSED FUTURE WORK TO MOVE SITE TOWARDS CLOSURE:

- Quarterly groundwater monitoring.
-

LIST OF STANDARD ACRONYMS / ABBREVIATIONS

Avg.	average
C	Celsius or Centigrade
cond.	conductivity
CRWQCB	California Regional Water Quality Control Board
DIPE	di-isopropyl ether
DO	dissolved oxygen
dup	duplicate sample
EDB	ethylene dibromide
EDC	ethylene dichloride or 1,2-dichloroethane
EPA	Environmental Protection Agency
ETBE	ethyl tertiary butyl ether
F	Fahrenheit
fbg	feet below grade
FP	free product
ft	feet
ft-MSL	feet above mean sea level
ft-TOC	feet from top of casing
GF	Grundfos pump
GW	groundwater
GWTS	groundwater treatment system
HB	hand bailer
HP	hand pump
J	value between the method detection limit and the reporting limit
mg/l	milligrams/liter
ms/cm	millisiemens/centimeter
MSL	mean sea level
MTBE	methyl tertiary butyl ether
mV	millivolts
NA	not assessable
N/A	not applicable
ND	not detected at concentrations above reporting limits
NM	not measured
No.	number
OCHCA	Orange County Health Care Agency
ORP	oxidation-reduction potential
pH	acidity
ppb	parts per billion
PSH	phase-separated hydrocarbons
Q1,Q2, Q3, Q4	first quarter, second quarter, third quarter, fourth quarter
QB	Quik-E-Bailer
Qtrly	quarterly
SBCPSD	Santa Barbara County Protection Services Division
TAME	tertiary amyl methyl ether
TBA	tertiary butyl alcohol
Temp.	temperature
TOC	top of casing
TPH	total petroleum hydrocarbons
Vac	vacuum truck
VCEHD	Ventura County Environmental Health Division
VES	vapor extraction system
VOA	volatile organic analysis
VOC's	volatile organic compounds
µg/l	micrograms/liter



EXHIBIT 1.
MONITORING WELL SAMPLING / ACTIVITY SCHEDULE

CURRENT MONITORING WELL SAMPLING/ACTIVITY SCHEDULE
EXXONMOBIL OIL CORPORATION
#18-E34

WELL NUMBER	QUARTER	WELL ACTIVITY *		
MW-1	Q1	S	G	P
	Q2	S	G	P
	Q3	S	G	P
	Q4	S	G	P
MW-2	Q1	S	G	P
	Q2	S	G	P
	Q3	S	G	P
	Q4	S	G	P
MW-3	Q1	S	G	P
	Q2	S	G	P
	Q3	S	G	P
	Q4	S	G	P
MW-4	Q1	S	G	P
	Q2	S	G	P
	Q3	S	G	P
	Q4	S	G	P

* Activities listed for current / past quarters have been performed and activities listed for future quarters are scheduled.

S = Sample

G = Gauge

P = Purge

NP = No Purge

Fppo = Free Product Pump-Out

A = Abandoned

NA = Not Accessible

NQ = Not Applicable this Quarter



EXHIBIT 2.
CURRENT AND HISTORIC SUMMARY TABLES

**TABLE 1: FIRST QUARTER 2005
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
EXXONMOBIL OIL CORPORATION
FORMER SERVICE STATION: 18-E34**

Date Measured	Notes	Well Elevation (feet-MSL) (TOC)	Depth To Ground Water(ft-TOC)	PSH Thickness (feet)	Ground Water Elevation (feet-MSL)	TPH AS GAS (µg/l)	TPH AS DIESEL (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylene (µg/l)	MTBE 8020-8021 (µg/l)	MTBE 8390 (µg/l)	TBA (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Methanol (µg/l)	EDB (µg/l)	EDC (µg/l)	Lead (µg/l)
EPA ANALYTICAL METHOD						REFER TO ATTACHED LABORATORY REPORTS FOR THE CURRENT QUARTER																
MINIMUM DETECTION LIMIT						REFER TO ATTACHED LABORATORY REPORTS FOR THE CURRENT QUARTER																
MW-1																						
SCREEN INTERVAL (ftg): 18 to 38																						
01-05-2005		321.17	27.01	0	294.16	278	--	1.20	<0.50	<0.50	<0.50	--	1.80	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
MW-2																						
SCREEN INTERVAL (ftg): 18 to 38																						
01-05-2005		320.86	27.95	0	292.91	604	--	10.4	<0.50	8.80	<0.50	--	2.10	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
MW-3																						
SCREEN INTERVAL (ftg): 18 to 38																						
01-05-2005		321.50	26.30	0	295.20	97.4	--	<0.50	<0.50	<0.50	<0.50	--	0.80	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
MW-4																						
SCREEN INTERVAL (ftg): 18 to 38																						
01-05-2005		322.46	28.20	0	294.26	136	--	2.90	<0.50	<0.50	<0.50	--	0.90	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
TRIP BLANK																						
SCREEN INTERVAL (ftg): N/A to N/A																						
01-05-2005		N/A	N/A	N/A	N/A	<50.0	--	<0.50	<0.50	<0.50	<0.50	--	<0.50	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--

ft-TOC = Feet below top of casing. N/A = Not applicable. -- = Not sampled or not analyzed.

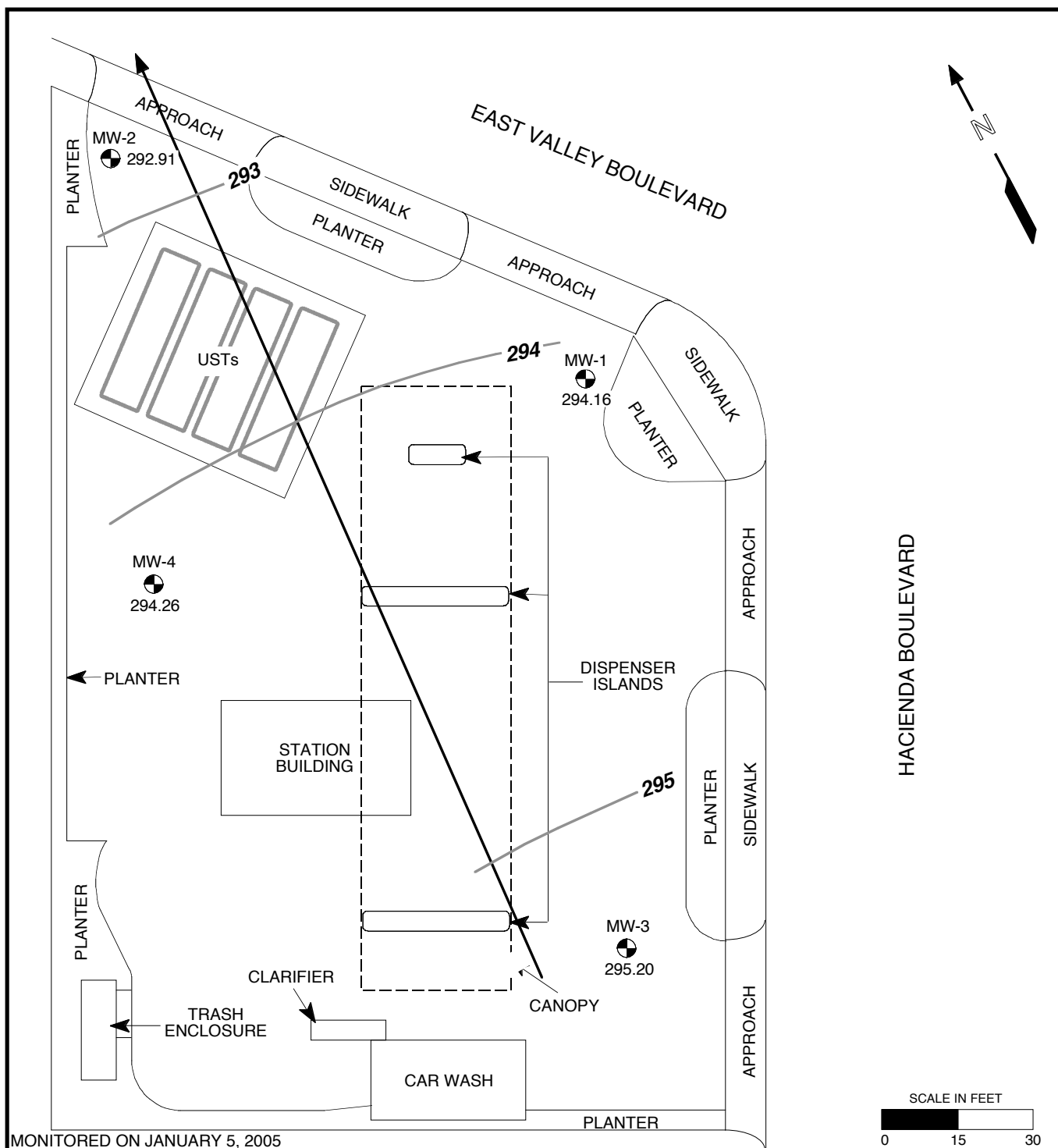
TABLE 2
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
EXXONMOBIL OIL CORPORATION
FORMER SERVICE STATION: 18-E34





Date Measured	Notes	Well Elevation (feet-MSL) (TOC)	Depth To Ground Water(ft-TOC)	PSH Thickness (feet)	Ground Water Elevation (feet-MSL)	TPH AS GAS (µg/l)	TPH AS DIESEL (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylene (µg/l)	MTBE 8020-8021 (µg/l)	MTBE 8260 (µg/l)	TBA (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Methanol (µg/l)	EDB (µg/l)	EDC (µg/l)	Lead (µg/l)
EPA ANALYTICAL METHOD						REFER TO ATTACHED LABORATORY REPORTS FOR THE CURRENT QUARTER																
MINIMUM DETECTION LIMIT						REFER TO ATTACHED LABORATORY REPORTS FOR THE CURRENT QUARTER																
MW-1																						
SCREEN INTERVAL (ftbg): 18 to 38																						
10-05-2004		321.17	27.56	0	293.61	57.4	--	<0.50	<0.50	<0.50	<0.50	--	0.80	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
01-05-2005		321.17	27.01	0	294.16	278	--	1.20	<0.50	<0.50	<0.50	--	1.80	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
MW-2																						
SCREEN INTERVAL (ftbg): 18 to 38																						
10-05-2004		320.86	28.35	0	292.51	1,590	--	11.6	0.60	21.2	14.4	--	3.00	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
01-05-2005		320.86	27.95	0	292.91	604	--	10.4	<0.50	8.80	<0.50	--	2.10	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
MW-3																						
SCREEN INTERVAL (ftbg): 18 to 38																						
10-05-2004		321.50	26.87	0	294.63	94.3	--	0.70	<0.50	<0.50	<0.50	--	1.00	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
01-05-2005		321.50	26.30	0	295.20	97.4	--	<0.50	<0.50	<0.50	<0.50	--	0.80	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
MW-4																						
SCREEN INTERVAL (ftbg): 18 to 38																						
10-05-2004		322.46	28.70	0	293.76	397	--	0.80	<0.50	<0.50	<0.50	--	1.30	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
01-05-2005		322.46	28.20	0	294.26	136	--	2.90	<0.50	<0.50	<0.50	--	0.90	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
TRIP BLANK																						
SCREEN INTERVAL (ftbg): N/A to N/A																						
10-05-2004		N/A	N/A	N/A	N/A	<50.0	--	<0.50	<0.50	<0.50	<0.50	--	<0.50	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--
01-05-2005		N/A	N/A	N/A	N/A	<50.0	--	<0.50	<0.50	<0.50	<0.50	--	<0.50	<10.0	<0.50	<0.50	<0.50	<100	--	--	--	--

ft-TOC = Feet below top of casing. N/A = Not applicable. -- = Not sampled or not analyzed.

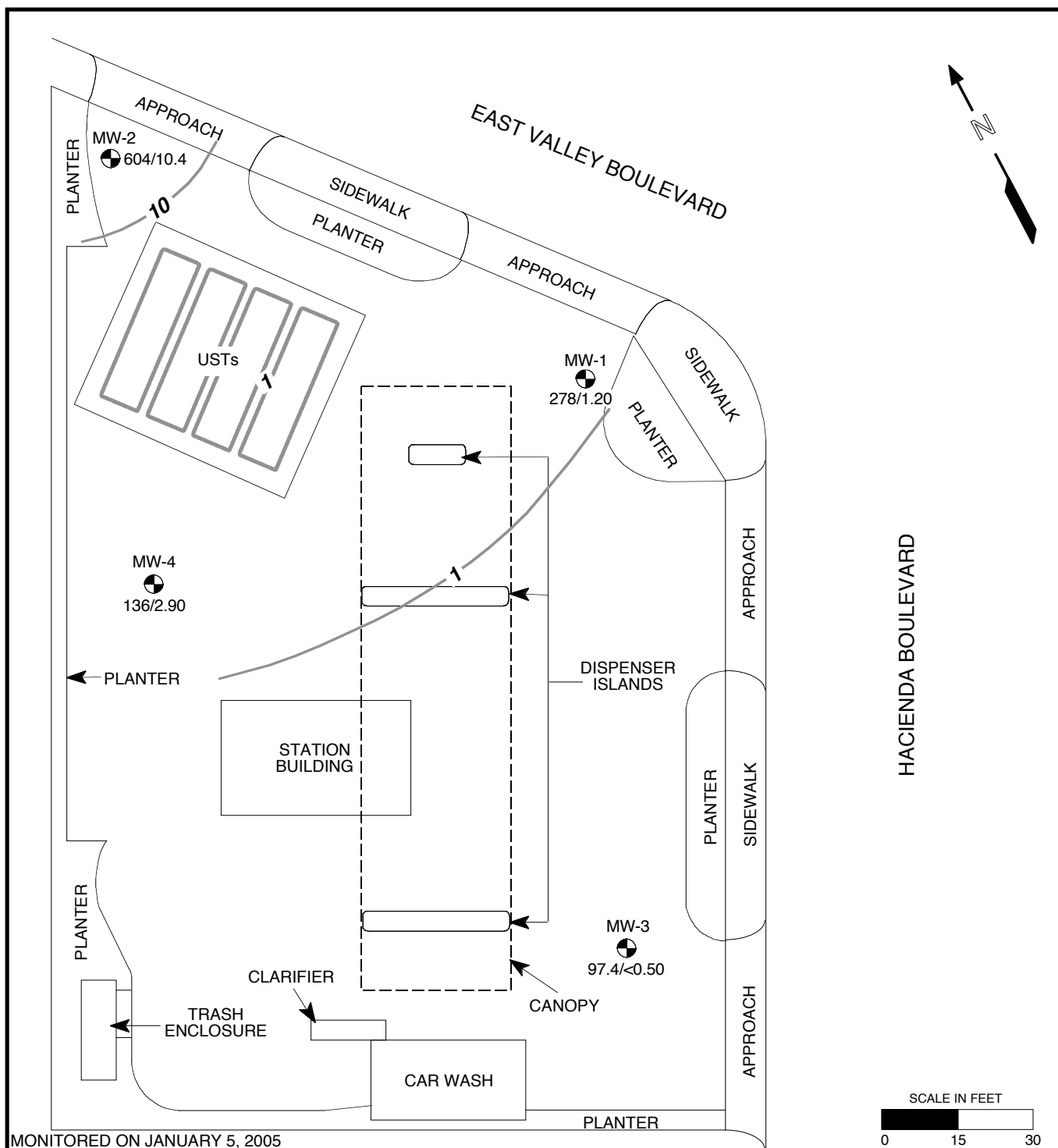


**EXHIBIT 3.
FIGURES**




LEGEND	EXXONMOBIL OIL CORPORATION
<p>  GROUNDWATER MONITORING WELL  GROUNDWATER ELEVATION (feet above MSL)  293 — CONTOUR OF GROUNDWATER ELEVATION (feet above MSL)  GROUNDWATER FLOW DIRECTION </p>	<p> FORMER SERVICE STATION #18-E34 15580 EAST VALLEY BOULEVARD CITY OF INDUSTRY, CALIFORNIA FIGURE 1 - GROUNDWATER ELEVATION CONTOUR MAP FOR FIRST QUARTER 2005 HOLGUIN, FAHAN & ASSOCIATES, INC. </p>

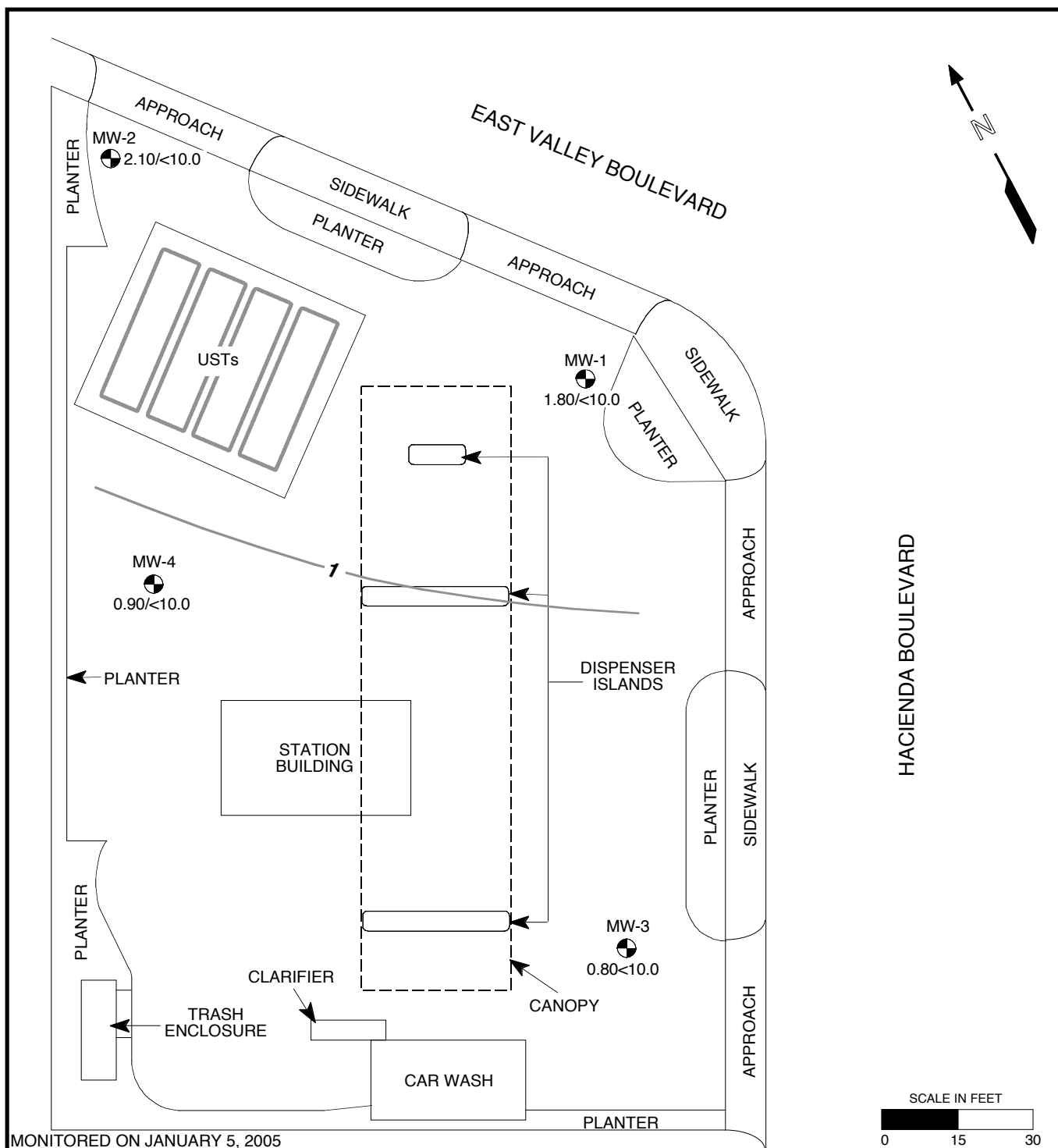
REVISION DATE: FEBRUARY 10, 2005: TQ




MONITORED ON JANUARY 5, 2005

LEGEND	EXXONMOBIL OIL CORPORATION
<p>  GROUNDWATER MONITORING WELL #/# TPH AS GASOLINE/BENZENE CONCENTRATIONS IN GROUNDWATER (µg/l) - 1 - CONTOUR OF BENZENE CONCENTRATIONS IN GROUNDWATER (µg/l) </p>	<p> FORMER SERVICE STATION #18-E34 15580 EAST VALLEY BOULEVARD CITY OF INDUSTRY, CALIFORNIA FIGURE 2 - TPH AS GASOLINE/ BENZENE CONCENTRATIONS IN GROUNDWATER FOR FIRST QUARTER 2005 HOLGUIN, FAHAN & ASSOCIATES, INC. </p>

REVISION DATE: FEBRUARY 10, 2005: TQ



MONITORED ON JANUARY 5, 2005

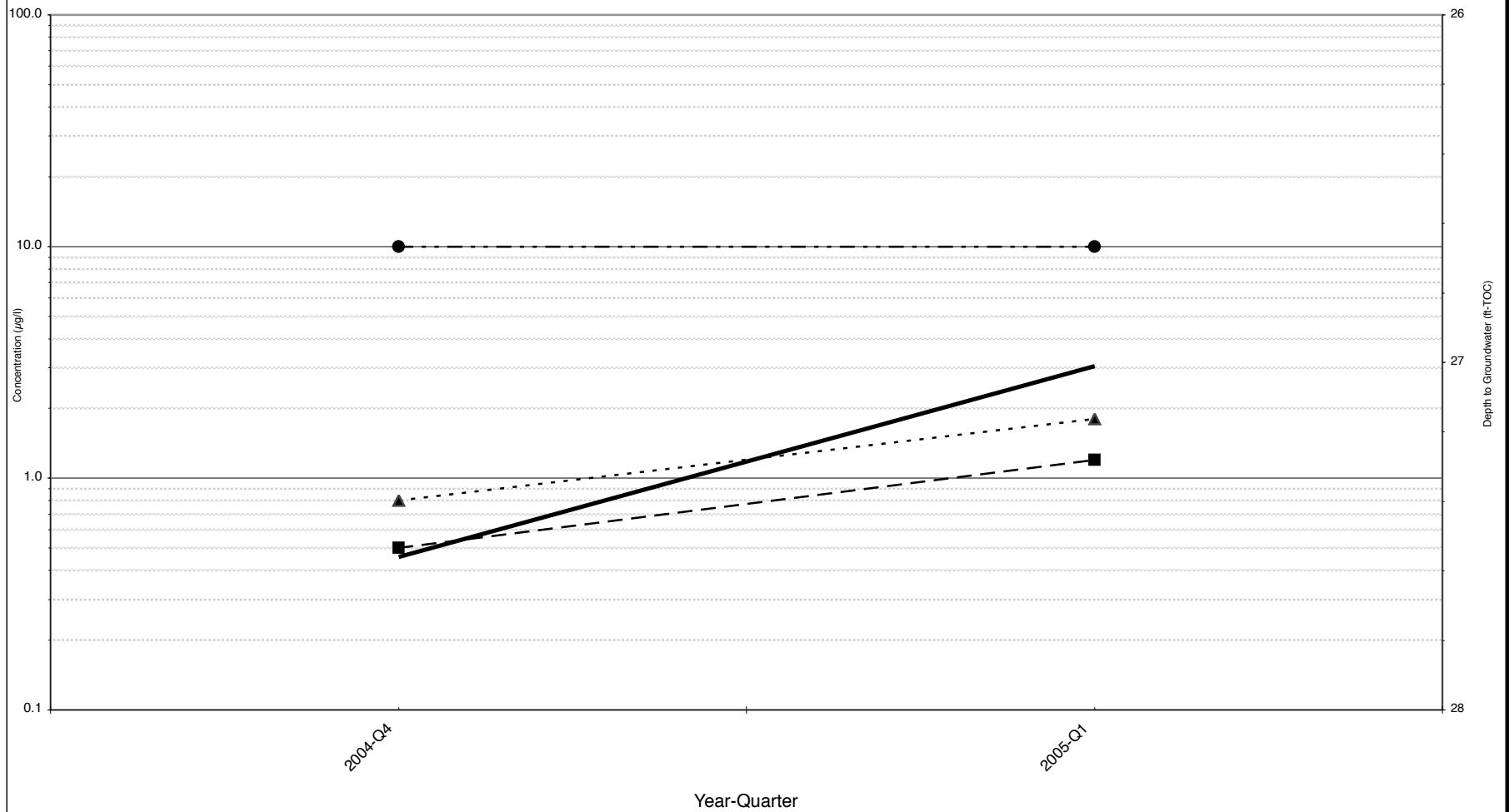
LEGEND	EXXONMOBIL OIL CORPORATION
<p>  GROUNDWATER MONITORING WELL ## MTBE/TBA CONCENTRATIONS IN GROUNDWATER (µg/l) - 1 - CONTOUR OF MTBE CONCENTRATIONS IN GROUNDWATER (µg/l) </p>	<p> FORMER SERVICE STATION #18-E34 15580 EAST VALLEY BOULEVARD CITY OF INDUSTRY, CALIFORNIA FIGURE 3 - MTBE/TBA CONCENTRATIONS IN GROUNDWATER FOR FIRST QUARTER 2005 HOLGUIN, FAHAN & ASSOCIATES, INC. </p>

REVISION DATE: FEBRUARY 10, 2005: TQ



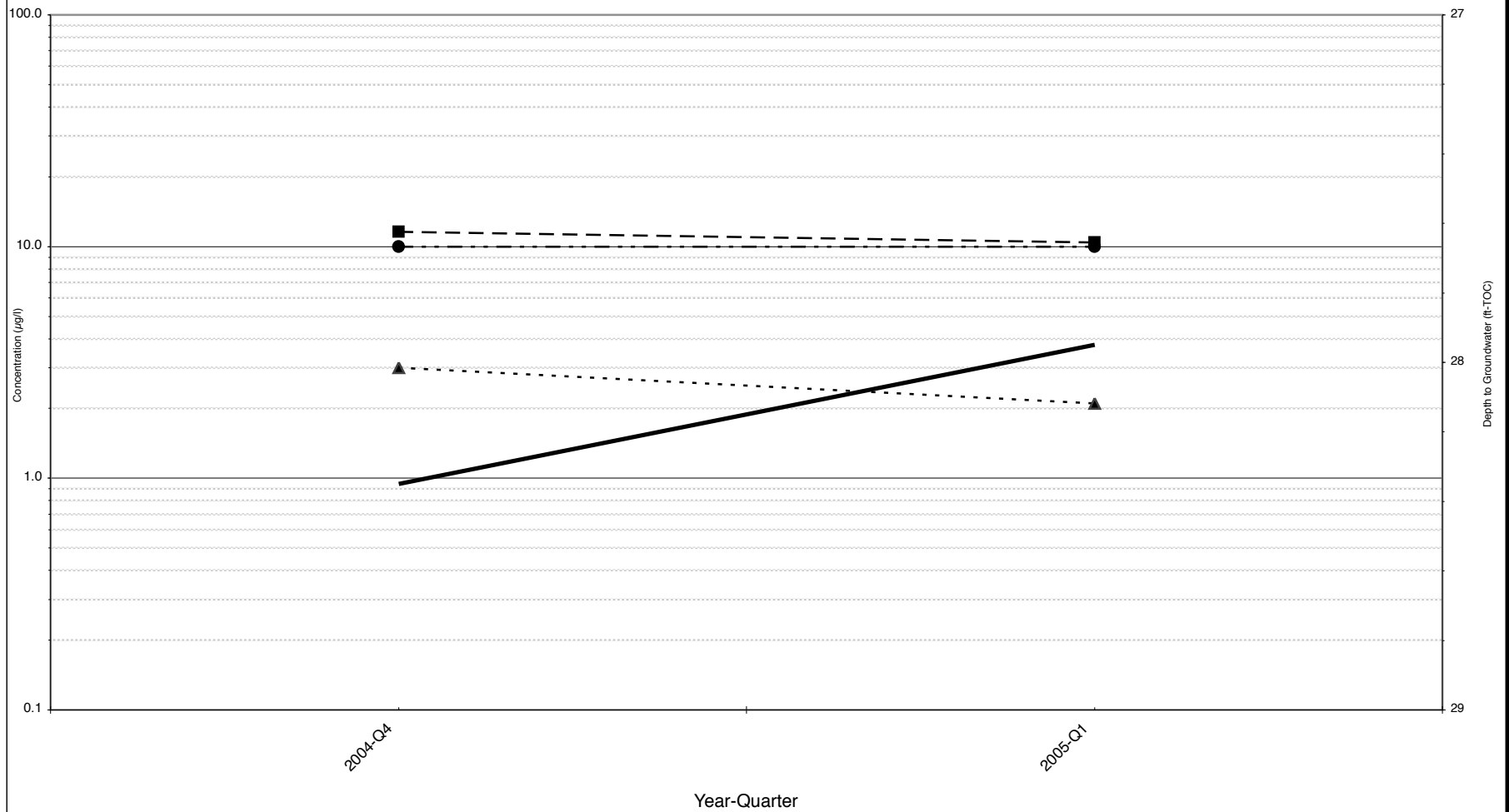
EXHIBIT 4.
GRAPHS

BENZENE, MTBE & TBA CONCENTRATIONS AND DEPTH TO WATER VS TIME IN WELL MW-1



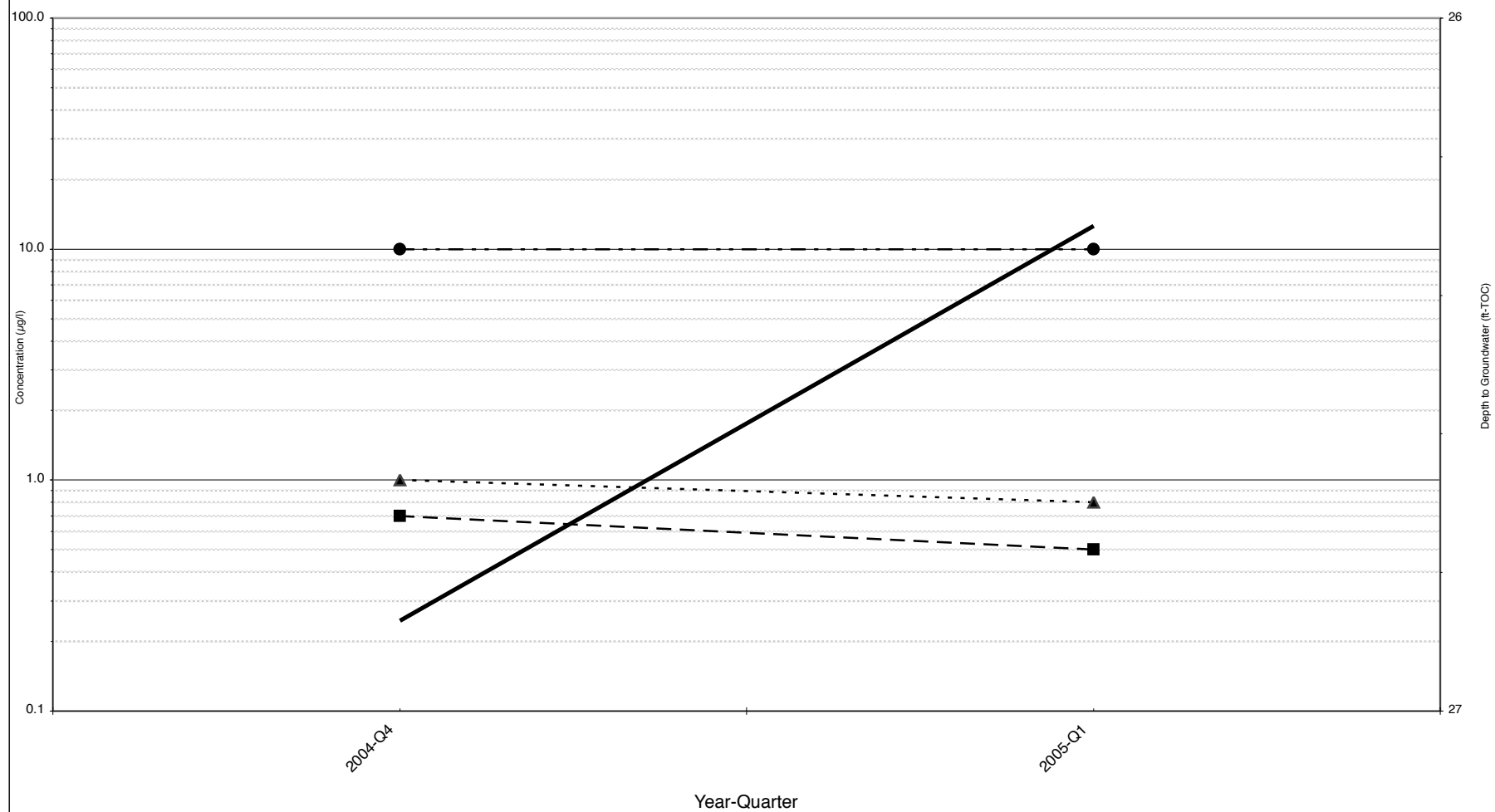
—■— Benzene Concentration ···▲··· MTBE Concentration -·-●- TBA Concentration ——— Depth to Groundwater

BENZENE, MTBE & TBA CONCENTRATIONS AND DEPTH TO WATER VS TIME IN WELL MW-2



—■— Benzene Concentration ···▲··· MTBE Concentration -·-·- TBA Concentration ——— Depth to Groundwater

BENZENE, MTBE & TBA CONCENTRATIONS AND DEPTH TO WATER VS TIME IN WELL MW-3

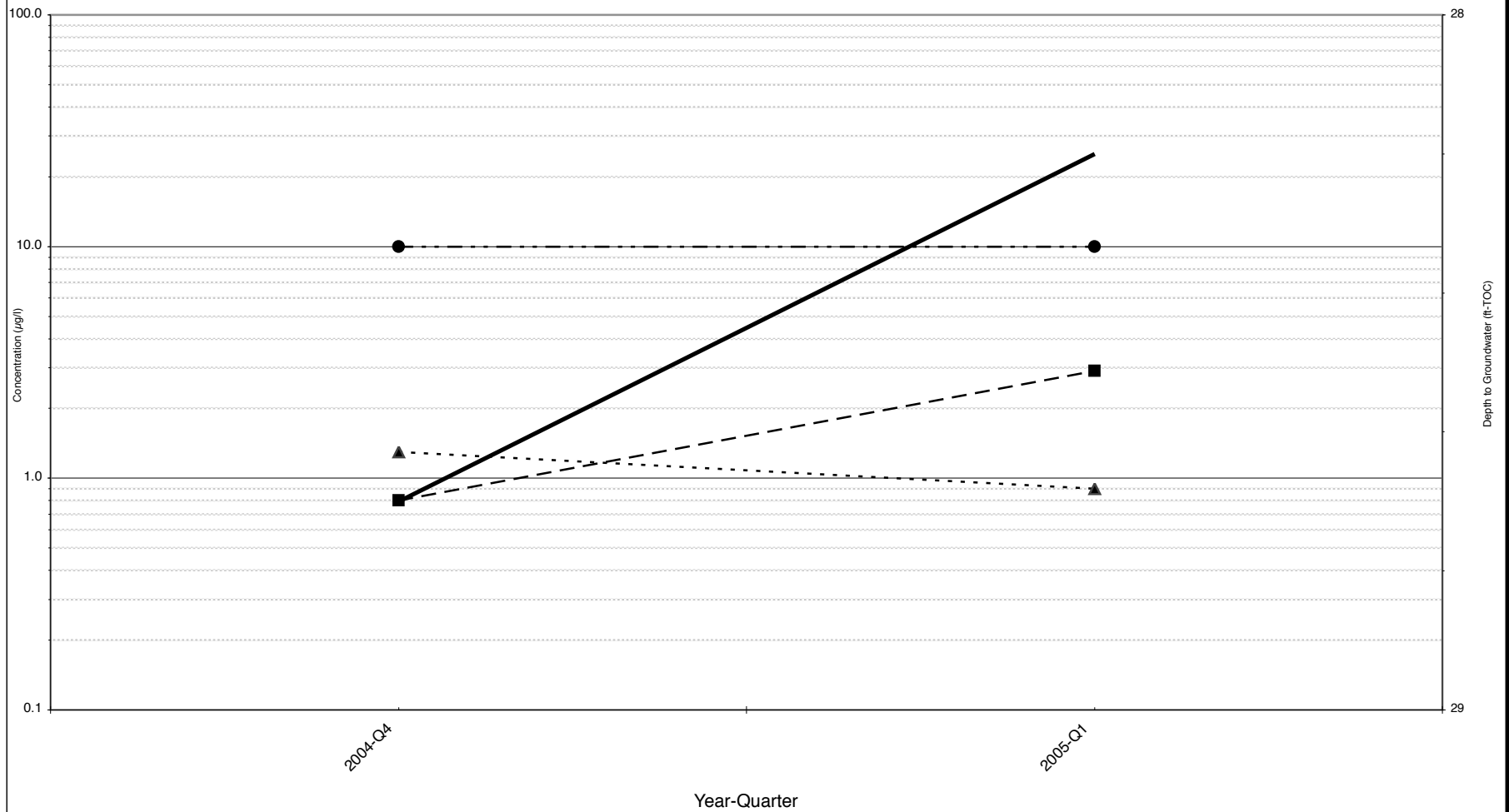


Benzene Concentration

 MTBE Concentration

 TBA Concentration
 Depth to Groundwater

BENZENE, MTBE & TBA CONCENTRATIONS AND DEPTH TO WATER VS TIME IN WELL MW-4



—■— Benzene Concentration ···▲··· MTBE Concentration -·-·- TBA Concentration ——— Depth to Groundwater



EXHIBIT 5.
LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY RECORDS

1/14/05

HOLGUIN, FAHAN & ASSOCIATES 10235
ALEX FUENTES
143 SOUTH FIGUEROA STREET
VENTURA, CA 93001

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EXXONMOBIL 18-E34
Project Number: .
Laboratory Project Number: 402323.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Sample Identification	Lab Number	Page 1 Collection Date
-----	-----	-----
MW01	05-A2097	1/ 5/05
MW02	05-A2098	1/ 5/05
MW03	05-A2099	1/ 5/05
MW04	05-A2100	1/ 5/05
QCTRIPLK	05-A2101	1/ 5/05

Sample Identification

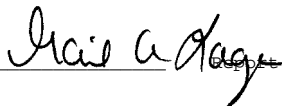
Lab Number

Collection Date

These results relate only to the items tested.

This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____



Date: 1/14/05

Johnny A. Mitchell, Lab Director

Michael H. Dunn, M.S., Technical Director

Pamela A. Langford, Technical Services

Eric S. Smith, QA/QC Director

Sandra McMillin, Technical Services

Gail A. Lage, Technical Services

Glenn L. Norton, Technical Services

Kelly S. Comstock, Technical Services

Roxanne L. Connor, Technical Services

Mark Hollingsworth, Director of Project Management

Laboratory Certification Number: 01168CA

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ANALYTICAL REPORT

HOLGUIN, FAHAN & ASSOCIATES 10235
ALEX FUENTES
143 SOUTH FIGUEROA STREET
VENTURA, CA 93001

Lab Number: 05-A2097
Sample ID: MW01
Sample Type: Water
Site ID: 18-E34

Project:
Project Name: EXXONMOBIL 18-E34
Sampler: ROY LEE ASHLOCK, JR.

Date Collected: 1/ 5/05
Time Collected: 12:00
Date Received: 1/ 7/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analysis Analyst	Analysis Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	278.	ug/l	50.0	1.0	1/13/05	0:30	D. Otero	8015B	8009
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
**Benzene	1.20	ug/l	0.50	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
**Ethylbenzene	ND	ug/l	0.50	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
**Toluene	ND	ug/l	0.50	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
**Methyl-t-butyl ether	1.80	ug/l	0.50	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
Ethanol	ND	ug/L	100.	1.0	1/ 7/05	23:03	S. Edwards	8260B	6762
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/ 7/05	23:03	S. Edwards	8260/SA05-77	6762

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	111.	69. - 132.
VOA Surr 1,2-DCA-d4	125.	73. - 127.
VOA Surr Toluene-d8	103.	79. - 113.
VOA Surr, 4-BFB	114.	79. - 125.
VOA Surr, DBFM	115.	75. - 134.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

** = NELAC E87358 Certified Analyte

End of Sample Report.

ANALYTICAL REPORT

HOLGUIN, FAHAN & ASSOCIATES 10235
ALEX FUENTES
143 SOUTH FIGUEROA STREET
VENTURA, CA 93001

Lab Number: 05-A2098
Sample ID: MW02
Sample Type: Water
Site ID: 18-E34

Project:
Project Name: EXXONMOBIL 18-E34
Sampler: ROY LEE ASHLOCK, JR.

Date Collected: 1/ 5/05
Time Collected: 11:28
Date Received: 1/ 7/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analysis Analyst	Analysis Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	604.	ug/l	50.0	1.0	1/13/05	1:00	D. Otero	8015B	8009
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
**Benzene	10.4	ug/l	0.50	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
**Ethylbenzene	8.80	ug/l	0.50	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
**Toluene	ND	ug/l	0.50	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
**Methyl-t-butyl ether	2.10	ug/l	0.50	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
Ethanol	ND	ug/L	100.	1.0	1/ 7/05	23:33	S. Edwards	8260B	6762
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/ 7/05	23:33	S. Edwards	8260/SA05-77	6762

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	114.	69. - 132.
VOA Surr 1,2-DCA-d4	123.	73. - 127.
VOA Surr Toluene-d8	100.	79. - 113.
VOA Surr, 4-BFB	96.	79. - 125.
VOA Surr, DBFM	113.	75. - 134.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

** = NELAC E87358 Certified Analyte

End of Sample Report.

ANALYTICAL REPORT

HOLGUIN, FAHAN & ASSOCIATES 10235
ALEX FUENTES
143 SOUTH FIGUEROA STREET
VENTURA, CA 93001

Lab Number: 05-A2099
Sample ID: MW03
Sample Type: Water
Site ID: 18-E34

Project:
Project Name: EXXONMOBIL 18-E34
Sampler: ROY LEE ASHLOCK, JR.

Date Collected: 1/ 5/05
Time Collected: 11:50
Date Received: 1/ 7/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analysis Analyst	Analysis Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	97.4	ug/l	50.0	1.0	1/13/05	1:31	D. Otero	8015B	8009
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
**Benzene	ND	ug/l	0.50	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
**Ethylbenzene	ND	ug/l	0.50	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
**Toluene	ND	ug/l	0.50	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
**Methyl-t-butyl ether	0.80	ug/l	0.50	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
Ethanol	ND	ug/L	100.	1.0	1/ 8/05	0:02	S. Edwards	8260B	6762
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/ 8/05	0:02	S. Edwards	8260/SA05-77	6762

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	110.	69. - 132.
VOA Surr 1,2-DCA-d4	123.	73. - 127.
VOA Surr Toluene-d8	102.	79. - 113.
VOA Surr, 4-BFB	110.	79. - 125.
VOA Surr, DBFM	114.	75. - 134.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

** = NELAC E87358 Certified Analyte

End of Sample Report.

ANALYTICAL REPORT

HOLGUIN, FAHAN & ASSOCIATES 10235
ALEX FUENTES
143 SOUTH FIGUEROA STREET
VENTURA, CA 93001

Lab Number: 05-A2100
Sample ID: MW04
Sample Type: Water
Site ID: 18-E34

Project:
Project Name: EXXONMOBIL 18-E34
Sampler: ROY LEE ASHLOCK, JR.

Date Collected: 1/ 5/05
Time Collected: 11:40
Date Received: 1/ 7/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analysis Analyst	Analysis Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	136.	ug/l	50.0	1.0	1/13/05	2:01	D. Otero	8015B	8009
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
**Benzene	2.90	ug/l	0.50	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
**Ethylbenzene	ND	ug/l	0.50	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
**Toluene	ND	ug/l	0.50	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
**Methyl-t-butyl ether	0.90	ug/l	0.50	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
Ethanol	ND	ug/L	100.	1.0	1/ 8/05	0:32	S. Edwards	8260B	6762
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/ 8/05	0:32	S. Edwards	8260/SA05-77	6762

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	110.	69. - 132.
VOA Surr 1,2-DCA-d4	125.	73. - 127.
VOA Surr Toluene-d8	101.	79. - 113.
VOA Surr, 4-BFB	106.	79. - 125.
VOA Surr, DBFM	115.	75. - 134.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

** = NELAC E87358 Certified Analyte

End of Sample Report.

ANALYTICAL REPORT

HOLGUIN, FAHAN & ASSOCIATES 10235
ALEX FUENTES
143 SOUTH FIGUEROA STREET
VENTURA, CA 93001

Lab Number: 05-A2101
Sample ID: QCTRIPLK
Sample Type: Water
Site ID: 18-E34

Project:
Project Name: EXXONMOBIL 18-E34
Sampler: ROY LEE ASHLOCK, JR.

Date Collected: 1/ 5/05
Time Collected: 6:00
Date Received: 1/ 7/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analysis Analyst	Analysis Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/13/05	2:32	D. Otero	8015B	8009
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
**Benzene	ND	ug/l	0.50	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
**Ethylbenzene	ND	ug/l	0.50	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
**Toluene	ND	ug/l	0.50	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
Ethanol	ND	ug/L	100.	1.0	1/ 8/05	1:01	S. Edwards	8260B	6762
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/ 8/05	1:01	S. Edwards	8260/SA05-77	6762

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	109.	69. - 132.
VOA Surr 1,2-DCA-d4	127.	73. - 127.
VOA Surr Toluene-d8	103.	79. - 113.
VOA Surr, 4-BFB	107.	79. - 125.
VOA Surr, DBFM	118.	75. - 134.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

** = NELAC E87358 Certified Analyte

End of Sample Report.

PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EXXONMOBIL 18-E34

Page: 1

Laboratory Receipt Date: 1/ 7/05

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample

UST ANALYSIS								
TPH (Gasoline Range)	mg/l	0.278	1.15	1.00	87	43. - 150.	8009	05-A2097
BTEX/GRO Surr., a,a,a-TFT	% Recovery				115	69 - 132	8009	
VOA PARAMETERS								
Benzene	mg/l	0.00120	0.0498	0.0500	97	62 - 143	6762	05-A2097
Toluene	mg/l	< 0.00050	0.0472	0.0500	94	63 - 141	6762	05-A2097
VOA Surr 1,2-DCA-d4	% Rec				121	73 - 127	6762	
VOA Surr Toluene-d8	% Rec				101	79 - 113	6762	
VOA Surr, 4-BFB	% Rec				89	79 - 125	6762	
VOA Surr, DBFM	% Rec				116	75 - 134	6762	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

UST PARAMETERS						
TPH (Gasoline Range)	mg/l	1.15	1.16	0.87	27.	8009
BTEX/GRO Surr., a,a,a-TFT	% Recovery		111.			8009
VOA PARAMETERS						
Benzene	mg/l	0.0498	0.0491	1.42	27.	6762
Toluene	mg/l	0.0472	0.0471	0.21	34.	6762
VOA Surr 1,2-DCA-d4	% Rec		118.			6762
VOA Surr Toluene-d8	% Rec		103.			6762
VOA Surr, 4-BFB	% Rec		90.			6762
VOA Surr, DBFM	% Rec		115.			6762

PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EXXONMOBIL 18-E34

Page: 2

Laboratory Receipt Date: 1/ 7/05

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----
UST PARAMETERS						
TPH (Gasoline Range)	mg/l	1.00	0.868	87	64 - 130	8009
BTEX/GRO Surr., a,a,a-TFT	% Recovery			133	69 - 132	8009
VOA PARAMETERS						
Ethyl-t-butylether	mg/l	0.0500	0.0442	88	67 - 140	6762
tert-amyl methyl ether	mg/L	0.0500	0.0382	76	68 - 134	6762
Tertiary butyl alcohol	mg/l	0.500	0.376	75	28 - 182	6762
Benzene	mg/l	0.0500	0.0462	92	78 - 123	6762
Ethylbenzene	mg/l	0.0500	0.0447	89	80 - 124	6762
Toluene	mg/l	0.0500	0.0454	91	77 - 124	6762
Xylenes (Total)	mg/l	0.150	0.144	96	81 - 124	6762
Methyl-t-butyl ether	mg/l	0.0500	0.0470	94	69 - 136	6762
Ethanol	mg/L	5.00	4.91	98	48 - 164	6762
Diisopropyl ether	mg/l	0.0500	0.0500	100	65 - 140	6762
VOA Surr 1,2-DCA-d4	% Rec			117	73 - 127	6762
VOA Surr Toluene-d8	% Rec			102	79 - 113	6762
VOA Surr, 4-BFB	% Rec			90	79 - 125	6762
VOA Surr, DBFM	% Rec			116	75 - 134	6762

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
-----	-----	-----	-----	-----	-----	-----	-----

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----

UST PARAMETERS

PROJECT QUALITY CONTROL DATA

Project Number:

Project Name: EXXONMOBIL 18-E34

Page: 3

Laboratory Receipt Date: 1/ 7/05

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
TPH (Gasoline Range)	< 0.0500	mg/l	8009	1/12/05	23:59
BTEX/GRO Surr., a,a,a-TFT	105.	% Recovery	8009	1/12/05	23:59
VOA PARAMETERS					
Ethyl-t-butylether	< 0.00027	mg/l	6762	1/ 7/05	17:39
tert-amyl methyl ether	< 0.00030	mg/L	6762	1/ 7/05	17:39
Tertiary butyl alcohol	< 0.00428	mg/l	6762	1/ 7/05	17:39
Benzene	< 0.00025	mg/l	6762	1/ 7/05	17:39
Ethylbenzene	< 0.00019	mg/l	6762	1/ 7/05	17:39
Toluene	< 0.00017	mg/l	6762	1/ 7/05	17:39
Xylenes (Total)	< 0.00033	mg/l	6762	1/ 7/05	17:39
Methyl-t-butyl ether	< 0.00023	mg/l	6762	1/ 7/05	17:39
Ethanol	< 0.0307	mg/L	6762	1/ 7/05	17:39
Diisopropyl ether	< 0.00018	mg/l	6762	1/ 7/05	17:39
VOA Surr 1,2-DCA-d4	124.	% Rec	6762	1/ 7/05	17:39
VOA Surr Toluene-d8	102.	% Rec	6762	1/ 7/05	17:39
VOA Surr, 4-BFB	120.	% Rec	6762	1/ 7/05	17:39
VOA Surr, DBFM	116.	% Rec	6762	1/ 7/05	17:39

= Value outside Laboratory historical or method prescribed QC limits.



COOLER RECEIPT FORM

BC#

402323

Client Name : HFA

Cooler Received/Opened On: 1/07/05 Accessioned By: Shawn Gracey

[Signature]
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 0.5 Degrees Celsius

2. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many, and where: _____

3. Were custody seals on containers?..... NO...YES...NA

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

12. Did all container labels and tags agree with custody papers?..... YES...NO...NA

13. Were correct containers used for the analysis requested?..... YES...NO...NA

14. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... NO...YES...NA

15. Was sufficient amount of sample sent in each container?..... YES...NO...NA

16. Were correct preservatives used?..... YES...NO...NA

If not, record standard ID of preservative used here _____

17. Was residual chlorine present?..... NO...YES...NA

18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

[Signature]
[Signature]
Fed-Ex

UPS

Velocity

DHL

Route

Off-street

Misc.

19. If a Non-Conformance exists, see attached or comments below:

EXHIBITS

City, State Zip City of Industry, CA

[illegible]



EXHIBIT 6.
GROUNDWATER SAMPLING INFORMATION

GROUNDWATER MONITORING, SAMPLING, AND SAMPLE MANAGEMENT PROCEDURES

NOTIFICATIONS

Prior to performing any field work, the client, regulatory agency, and property owner/manager with jurisdiction over the subject site are notified. Notifications are made a minimum of 48 hours prior to sampling, or as required by the client or regulator. E-mail notifications are used whenever possible.

WATER LEVEL MEASUREMENTS

Prior to performing purge or no-purge sampling, water level measurements are collected according to the following procedures.

- All wells are checked for phase-separated hydrocarbons (PSH) with a clear plastic or Teflon bailer or oil/water interface meter.
- To avoid cross contamination, water levels are measured starting with the historically "cleanest" wells and proceeding to the historically "dirtiest."
- Water levels within each well are measured to an accuracy of ± 0.01 foot using an electronic measuring device and are referenced to the surveyed datum (well cover or top of casing). When measuring to top of casing, measurements are made to the notched (or otherwise marked) point on the casing. If no marking is visible, the measurement is made to the northern side of the casing. Measurements include the depth to groundwater, depth to PSH if applicable, and depth to bottom of well.
- If possible, all wells are gauged within a short time interval on the same day to obtain accurate measurements of the potentiometric surface.
- All measurements are reproduced to assure validity, and measuring equipment is decontaminated between wells.

PHASE-SEPARATED HYDROCARBONS

If PSH is encountered, its thickness and depth are measured using one of the following methods.

- An electronic oil/water interface meter is used to measure the depths to the top of the PSH and to the top of the water; and/or

- An electronic water level meter is used to measure the depth to the top of the water and a clear bailer is used to measure the PSH thickness.

The potentiometric surface elevation is calculated as:

$$\text{TOC} - \text{DTW} + 0.74\text{PT}$$

Where TOC = top-of-casing elevation, DTW = depth to water (interface), and PT = PSH thickness.

If PSH thickness is less than 0.02 foot, and purging of the well is planned prior to sample collection, the well is purged and sampled in accordance with the sample collection section of this standard operating procedure (SOP). If the PSH thickness is 0.02 foot or greater, the PSH is bailed from the well, and left on-site in a labeled and sealed container. Generally, no sample is collected for analysis from wells having a PSH thickness of greater than 0.02 foot. If a groundwater sample is collected to meet technical or regulatory objectives for the project, the sample is collected from the bottom of a disposable bailer lowered below the PSH-water interface. Wells containing PSH should not be purged, even if the other wells are purged.

NO-PURGE SAMPLING

Well purging is not conducted prior to sampling if purging is not needed to meet technical and/or regulatory project requirements. Following collection of water level measurements, the wells are sampled according to the protocol in the sample collection section of this document.

PURGING PROCEDURES

Well purging is conducted prior to sampling if purging is needed to meet technical and/or regulatory project requirements. Well purging may be performed using any of the following methodologies: dedicated pump, peristaltic pump with dedicated stinger, vacuum truck with dedicated stinger, electric submersible pump, bailer, bladder pump, or hand pump. The goal of purging wells is to remove stagnant water from the well and allow formation water to enter the well to be collected for analysis. If the wells are completed in low-yielding formations and are pumped dry, the purging may be discontinued. Purge rates should be low enough to prevent excessive agitation and/or prevent water from cascading into the well.

Dedicated Pump Purging

If permanent pumps are installed in the wells for groundwater remediation, the pumps are operated for at least 24 hours prior to sampling. If a dedicated sampling port is in place to collect samples of the pumped water from an individual well, then the port is used to collect the

sample. VOA vials are filled completely so that no headspace or air bubbles are present within the vial. Care is taken to minimize air exposure and turbulence. The vials are not overfilled, which could cause preservative to be lost. If no sampling port is in place, the pump is turned off and the wells are sampled according to the protocol in the sample collection section of this document.

Purging Methods

If dedicated pumps are not present at the site, then purging is accomplished by either standard purging or low-flow purging (also known as “micropurging”).

Standard Purging

Standard purging methods involve removal of a set number of casing volumes of water and/or removal of sufficient water to stabilize indicator parameters such as temperature, pH, and conductivity (see below for measurement procedures). The water is removed using a vacuum or peristaltic pump, submersible electric pump, bailer, hand pump, or bladder pump, as appropriate for the site conditions. The specific purging method and equipment are recorded in the field log. A surge block may be used if the well screen becomes bridged with sediment or the produced groundwater is overly turbid.

Low-Flow Purging

Low-flow purging involves purging at sufficiently low rates of withdrawal that drawdown, aeration, and turbulence are minimal. Groundwater is removed using a submersible pump, bladder pump, or centrifugal pump. Water is purged from the well at flow rates that are generally in the range of 0.05 to 0.5 gallons per minute, but this may be lower or higher in wells of lower or higher productivity.

The pump intake is positioned in the mid-point of the saturated screened interval, but a different position may be used based on hydrogeologic conditions and/or analyte properties. For petroleum hydrocarbon and oxygenate sample analysis, the pump intake is placed in the upper third of the saturated screened interval. The type of pump, flow rate, total volume of water removed, and depth of the pump intake are noted on the field log. Low-flow purging continues until temperature, pH, and conductivity stabilize (see below for measurement procedures). Then, a water sample is collected from the purge water effluent stream or from a bailer. VOA vials are filled completely so that no headspace or air bubbles are present within the vial. Care is taken to minimize air exposure and turbulence. The vials are not overfilled, which could cause preservative to be lost.

Monitoring During Purging

During the purging process, groundwater is monitored for temperature, pH, and conductivity using a standard field meter. Dissolved oxygen, turbidity, and other parameters may be collected for project-specific needs. These water quality parameters are recorded on a field log. Purging continues until a minimum number of well volumes (3) are removed and/or temperature, pH, and conductivity stabilize. For standard purging, water quality parameters are measured in bailer samples or from the pump effluent. For low-flow purging, water quality parameters are continuously monitored during purging using a water quality meter housed within a Solinst flow-through cell, and stabilization generally occurs after about one casing volume is purged from a well.

Purge Water Storage and Disposal

If active groundwater treatment is occurring at the site, purge water may be disposed of through the treatment system. Otherwise, purge water is either stored on-site in Department of Transportation-approved 55-gallon drums, or transported offsite as non-hazardous waste for disposal or recycling at an approved facility.

SAMPLE COLLECTION PROCEDURES

For dedicated pumps with sampling ports and for low-flow purging, samples are collected directly from the purge water stream, as described above. For standard purging and dedicated pumps without a sampling port, sampling is performed after the water level in the well recharges to at least 80 percent of hydrostatic. Then, groundwater samples are collected using the following procedures.

- A clean Teflon bailer is lowered and partially submerged into the well water to collect a groundwater sample.
- If PSH is present in the sample bailer, PSH thickness is recorded on the field log, and no sample is collected for laboratory analysis.
- For volatile organic analyses, groundwater samples are collected in chilled, 40-milliliter, VOA vials with Teflon-lined caps. A pre-measured quantity of hydrochloric acid preservative is added to all vials by the laboratory prior to receipt by HFA. Samples are held at 4°C or less while in the field and in transit to the laboratory. Other appropriate containers, preservatives, and holding protocols are used for non-volatile analyses.
- VOA vials are filled completely so that no headspace or air bubbles are present within the vial. Care is taken so that the vials are not overfilled, and the preservative is not lost.

- Sample containers are immediately labeled and sealed after collection. For VOA vials, the label is placed to overlap the edge of the cap as a custody seal, unless a separate custody seal is being used.
- Samples are stored in a cooler while on-site and in transport to the laboratory or office. The cooler has sufficient ice to maintain appropriate temperature prior to collecting samples. The VOA vials are kept chilled both prior to and after filling. Hot or warm containers are not used when volatile compounds are the target analytes.

DECONTAMINATION PROCEDURES

Decontamination of monitoring and sampling equipment is performed prior to all monitoring and sampling activities. Decontamination procedures consist of a three-step process. The initial decontamination is performed using a non-phosphate soap, such as Simple Green or Alconox, in tap water in a 5-gallon bucket. A soft-bristle bottlebrush is used to thoroughly clean the inside and outside of the equipment. The brush is used in the first bucket only; it does not travel from bucket to bucket with the equipment. This procedure minimizes any transport of the contaminants, which should stay in the first bucket. The equipment is then rinsed in a second 5-gallon bucket of tap water, followed by a third 5-gallon bucket of tap water as a final rinse. The decontamination water is disposed of using the same procedures as the purge water.

WELL CONDITION

The condition of the well is checked during the monitoring event. The well lid and cap are secured, and any debris present in the well box is removed. Any deficiencies with the well box and pad that cannot be fixed during the monitoring event are noted in the log. The log is given to the project manager for correction of the deficiencies at a future date.

QUALITY ASSURANCE/QUALITY CONTROL SAMPLES

A trip blank, temperature blank, and/or other blanks are taken for quality assurance/quality control (QA/QC) purposes.

- A trip blank sample is kept with any samples being analyzed for volatile organic compounds (VOCs). A trip blank is a sample of clean water that is supplied by the laboratory and is transported to and from the field and to the laboratory with the field samples. The designation "QCTIPBK" or "QCTB" is used for the sample name on the field label. Samplers record on the chain-of-custody (COC) the date that the trip blank is taken to the field for sampling, not the date that the trip blank was prepared by the laboratory. One trip blank per cooler per day is collected. Unused trip blanks are stored in a cooler

dedicated to this purpose. The trip blank cooler is not refrigerated, but is kept in a clean location away from possible VOC contaminants.

- Temperature blank sample containers are supplied by the laboratory and kept in a cooler used to transport samples. The temperature blank is placed in the cooler prior to going to the field and is kept there until the cooler is delivered to the laboratory.

CHAIN OF CUSTODY

A chain of custody form is completed for each group of samples delivered to the laboratory, as follows.

- A separate COC is completed for each day of sampling. If samples are collected on separate days for the same site, a separate COC is completed for each sampling day, and the COC is always kept with the samples. If samples are shipped off-site for laboratory analysis, individual coolers with separate COCs are sent for each day/cooler shipped.
- All fields/spaces on the COC are filled out completely, and all persons having control of the samples sign the COC to show transfer of sample control between individuals. At times when the field sampler is not delivering samples directly to the laboratory, the samples may be turned over to a sample manager for shipping. In this instance, the sample manager takes custody of the samples, and both the sampler and sample manager sign and date the COC to clearly show custody transfer.
- The COC is placed inside the cooler, and a custody seal is placed on the outside of the cooler prior to shipping. The receiving laboratory indicates if the cooler was received with the custody seal intact.
- If samples are sent to the laboratory via UPS, FEDEX, etc., this fact is indicated on the COC, and the sample manager also indicates the date and time the custody seal is placed on cooler for delivery to the shipping agent (the shipping agent does not sign the COC).
- For trip blanks, the COC indicates the date the trip blank was taken to the field for sampling, not the date the trip blank was prepared by the laboratory (the latter date may appear on the VOA label).
- New electronic deliverable format (EDF) requirements of California AB2886 mandate that COCs and laboratory reports maintain consistent and unique names between sites (Global ID) and sample location/well names (Field Point ID). This information must be

consistent with the initial information supplied to GeoTracker, and for each subsequent quarterly sampling event.

SAMPLE HANDLING

Refrigerator Storage and Temperature Log

Samples may be stored in a refrigerator prior to transport to the laboratory. Refrigerator storage is maintained under the following conditions.

- Refrigerators used for sample storage are dedicated for that usage only (no food or other materials are stored in sample refrigerators).
- Refrigerators can be locked from the outside by a sample manager, and only the sample manager has access to the samples while they are in storage.
- Refrigerators are maintained at a temperature of 4°C or less, and are adjusted daily depending on thermometer readings.
- Each refrigerator contains a dedicated, reliable thermometer. The thermometer is designed for use in a refrigerator and is fixed or secured to the inside of the unit. The thermometer range is specific for measuring temperatures less than 4°C.
- A temperature log is kept on the outside of the refrigerator in a lightweight, three-ring binder, or similar logbook. Temperatures are recorded daily or when the refrigerator is open for sample management.
- Completed COCs are kept with the samples stored in the refrigerators. The COCs may be held on a clipboard outside the refrigerator, or may be placed inside the cooler if the entire cooler is placed inside the refrigerator.
- If a cooler is placed in the refrigerator, the cooler lid remains open to insure that samples are maintained at the refrigerator temperature.

Cooler Packing

The sample coolers are packed as directed by the receiving laboratory. The following cooler packing procedures are used.

- The cooler contains enough ice to maintain the required temperature.

- Water ice (not dry ice or ice packs) is used for shipping.
- The ice is placed above and below the samples in at least two sealable plastic bags. This procedure requires that the packing/divider material be removed and replaced.
- The COC is placed in the cooler in a sealed plastic bag, and the cooler lid is taped closed to secure it for transport and to minimize loss of temperature. A custody seal is placed vertically across the seam of the cooler lid.

WELL SAMPLING FORM

Page 1 of 2

SITE ID / NAME: 18-E34 / 15580 E. Valley Blvd
SITE ADDRESS: 15580 East Valley Boulevard, City of Industry
CLIENT NAME: ExxonMobil Oil Corporation

HFA CONTRACT NO.: 03-M217

SCHEDULED/ACTUAL MONITORING DATE: 12-27-04

WELL ACTIVITY: **M** Monitoring **FPPO** Free Product Pump Out
P Purging **R** Repair/Maintenance (note action)
S Sampling

PURGE METHOD: ☐ 3rd Party (Vac-Truck)
☒ HFA ☐ QB ☐ HB
☐ GF ☐ HP
☒ Vac

DISPOSAL METHOD: ☐ 55-gallon drums
☐ Carbon-Filtered
☐ Client On-Site GWTS
☐ Disposal
☒ HFA GWTS

DISCHARGE POINT: ☐ Storm drain ☒ Off-site
☐ Planter ☐ Drainage channel (irrigation)

TOTAL GALLONS PURGED/TREATED: Purged Water: 76 Total Page 58
Other (specify): _____

WELL NAME	DEPTH TO FP	DEPTH TO GW	Post-Purge GW Depth (ft)	TIME	GALS. PURGED	TEMP. (°F/°C)	COND. (ms/cm)	pH	TURBIDITY	WELL ACTIVITY	COMMENTS	INPUT BY (initial)
MW-1	—	27.32	27.31	0946	—	—	—	—	—	G	TRAFFIC CONTROL: <input type="checkbox"/> None	
SCREEN INTERVAL: 18 to 38				1000	0	18.5	1.42	7.57	MED	P	CONTROL: <input checked="" type="checkbox"/> Cones	
TOTAL DEPTH: <u>37.25</u> CASING DIAMETER: 4 in.				1010	19	18.7	1.48	7.72	MED	P	<input type="checkbox"/> Cones/signs	
CASING VOLUME: <u>6.45</u> GALLONS: <u>19</u>				1125	—	—	—	—	—	S	<input type="checkbox"/> Arrow/cones/signs	
Bail FP if $\geq 0.02'$ (1/4") & don't sample. Purge/sample if $< 0.02'$. Note if you did not bail $\geq 0.02'$ and why.											(if applicable) DO (mg/l) _____ ORP (mV) _____	
DRUM I.D. _____				CONTAINERS COLLECTED: <u>6 VOAS 12-27-04</u>							ACTIVE: <input type="checkbox"/> VES <input type="checkbox"/> GWTS	
MAINTENANCE ITEMS:												
MW-2	—	28.15	28.12	0912	—	—	—	—	—	G	TRAFFIC CONTROL: <input type="checkbox"/> None	
SCREEN INTERVAL: 18 to 38				0927	0	18.1	1.53	7.59	LOW	P	CONTROL: <input checked="" type="checkbox"/> Cones	
TOTAL DEPTH: <u>37.21</u> CASING DIAMETER: 4 in.				0938	18	21.6	1.49	7.87	LOW	P	<input type="checkbox"/> Cones/signs	
CASING VOLUME: <u>5.89</u> GALLONS: <u>18</u>				1112	—	—	—	—	—	S	<input type="checkbox"/> Arrow/cones/signs	
Bail FP if $\geq 0.02'$ (1/4") & don't sample. Purge/sample if $< 0.02'$. Note if you did not bail $\geq 0.02'$ and why.											(if applicable) DO (mg/l) _____ ORP (mV) _____	
DRUM I.D. _____				CONTAINERS COLLECTED: <u>6 VOAS 12-27-04</u>							ACTIVE: <input type="checkbox"/> VES <input type="checkbox"/> GWTS	
MAINTENANCE ITEMS:												
MW-3	—	26.55	26.59	1024	—	—	—	—	—	G	TRAFFIC CONTROL: <input type="checkbox"/> None	
SCREEN INTERVAL: 18 to 38				1037	0	18.5	1.51	7.50	LOW	P	CONTROL: <input checked="" type="checkbox"/> Cones	
TOTAL DEPTH: <u>37.55</u> CASING DIAMETER: 4 in.				1049	21	20.8	1.53	8.17	MED	P	<input type="checkbox"/> Cones/signs	
CASING VOLUME: <u>7.15</u> GALLONS: <u>21</u>				1137	—	—	—	—	—	S	<input type="checkbox"/> Arrow/cones/signs	
Bail FP if $\geq 0.02'$ (1/4") & don't sample. Purge/sample if $< 0.02'$. Note if you did not bail $\geq 0.02'$ and why.											(if applicable) DO (mg/l) _____ ORP (mV) _____	
DRUM I.D. _____				CONTAINERS COLLECTED: <u>6 VOAS 12-27-04</u>							ACTIVE: <input type="checkbox"/> VES <input type="checkbox"/> GWTS	
MAINTENANCE ITEMS:												

WELL SAMPLING FORM

Page 2 of 2

SITE ID / NAME: 18-E34 / 15580 E. Valley Blvd
SITE ADDRESS: 15580 East Valley Boulevard, City of Industry
CLIENT NAME: ExxonMobil Oil Corporation

HFA CONTRACT NO.: 03-M217

SCHEDULED/ACTUAL MONITORING DATE: 12-27-04

WELL ACTIVITY: M Monitoring FPPO Free Product Pump Out
P Purging R Repair/Maintenance (note action)
S Sampling

PURGE ☐ 3rd Party (Vac-Truck)

METHOD: ☒ HFA ☐ QB ☐ HB
☐ GF ☐ HP
☒ Vac

DISPOSAL

METHOD: ☐ 55-gallon drums
☐ Carbon-Filtered
☐ Client On-Site GWTS
☐ Disposal
☒ HFA GWTS

DISCHARGE POINT: ☐ Storm drain ☒ Off-site
☐ Planter ☐ Drainage channel (irrigation)

**TOTAL GALLONS
PURGED/TREATED:**

Purged Water: Total Page

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Other (specify):

WELL NAME	DEPTH TO FP	DEPTH TO GW	Post-Purge GW Depth (ft)	TIME	GALS. PURGED	TEMP (F/C)	COND. (ms/cm)	pH	TURBIDITY	WELL ACTIVITY	COMMENTS	INPUT BY (initial)	
MW-4	—	23.40	28.45	0820	—	—	—	—	—	G	TRAFFIC CONTROL: <input type="checkbox"/> None		
SCREEN INTERVAL: 18 to 38				0955	0	16.1	1.54	7.82	LOW	P	CONTROL: <input type="checkbox"/> Cones		
TOTAL DEPTH: 37.60 ft CASING DIAMETER: 4 in.				0907	18	19.4	1.51	8.25	LOW	P	<input checked="" type="checkbox"/> Cones/signs		
CASING VOLUME: 6.03 GALLONS: 18				11:05	—	—	—	—	—	S	<input type="checkbox"/> Arrow/cones/signs		
											(if applicable) DO (mg/l) _____ ORP (mV) _____		
Bail FP if $\geq 0.02'$ (1/4") & don't sample. Purge/sample if $< 0.02'$. Note if you did not bail $\geq 0.02'$ and why.											ACTIVE: <input type="checkbox"/> VES <input type="checkbox"/> GWTS		
DRUM I.D. _____				CONTAINERS COLLECTED: 6 VOAB 12-27-04								MAINTENANCE ITEMS:	

** RPE Installed
12-27-04*

Jerry Baker

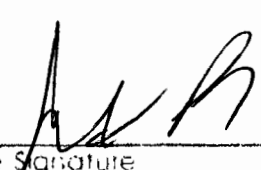
MANIFEST #:

NON-HAZARDOUS
WATER TRANSPORTATION/RECYCLING MANIFEST

GENERATOR NAME: EXXONMOBIL OIL CORPORATION
GENERATOR ADDRESS: 3700 WEST 190TH STREET, TORRANCE, CA 90504
PROJECT NAME: XOM 18-E34
SITE ADDRESS: 1550 E. VALLEY BOULEVARD
CITY OF INDUSTRY, CA
CONTACT INFORMATION: HOLGUIN, FAHAN & ASSOCIATES - (805) 652-0219
TRANSPORTATION DATE: 12-27-04

WATER SOURCE	GENERATION DATE	TOTAL VOLUME (GALLONS)	COMMENTS
Groundwater Monitoring Wells	12-27-04	76	

I hereby certify that the information on this form is true and correct. The above-listed non-hazardous wastewater is/was transported to Holguin, Fahan & Associates, Inc.'s stationary groundwater treatment system located at 2255 Ventura Avenue, Unit B, Ventura, California. HFA transports non-hazardous wastewater using lidded poly tanks mounted to a vehicle or trailer assembly. Additional information is provided in HFA's health and safety plan, and groundwater monitoring standard operating procedures. Upon arrival at HFA's Ventura facility, wastewater is/was immediately transferred to the groundwater treatment system, treated using carbon adsorption, and discharged to the sanitary sewer under City of Ventura Non-Domestic Wastewater Discharge Permit No. 45.


HFA Representative Signature

12-27-04
Date